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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/695,439	10/29/2003	Tomohiro Sakai	T36-159872M/KOH	4576
21254	7590	12/15/2008	EXAMINER	
MCGINN INTELLECTUAL PROPERTY LAW GROUP, PLLC			WEISS, HOWARD	
8321 OLD COURTHOUSE ROAD			ART UNIT	PAPER NUMBER
SUITE 200				2814
VIENNA, VA 22182-3817				
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12/15/2008	PAPER			

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/695,439	Applicant(s) SAKAI ET AL.
	Examiner Howard Weiss	Art Unit 2814

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133).

Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 03 October 2008.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1,3,5-7,9,11,12 and 25-34 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) 1,3,5-7,9,11,12,25,33 and 34 is/are allowed.

6) Claim(s) 26-29,31 and 32 is/are rejected.

7) Claim(s) 30 is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date _____

5) Notice of Informal Patent Application
 6) Other: _____

Attorney's Docket Number: T36-159872M/KOH

Filing Date: 10/29/2003

Continuing Data: RCE established 5/21/2007

Claimed Foreign Priority Date: 10/29/2002

Applicant(s): Sakai et al. (Moriyama, Murakami, Shibata)

Examiner: Howard Weiss

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 26 to 29, 31 and 32 are rejected under 35 U.S.C. 102(b) as being anticipated by Ota et al. (JP 04-085972 and translation submitted 5/10/2007).

Ota et al. shows all aspects of the instant invention (e.g. Figures 1 and Column 3 Lines 27 and 34) including an SiC device comprising a layer of p-type SiC 3, an electrode 7 comprising first means 4 for accelerating a eutectic reaction at temperatures of 600 °C or less in contact with said p-type SiC, first means 6 for reducing contact resistivity and a second means 5 for reducing contact resistivity located between said first means for reducing contact resistivity and said first means for accelerating a eutectic reaction.

Allowable Subject Matter

3. Claims 1, 3, 5 to 7, 9, 11, 12, 25, 33 and 34 are allowed.
4. The following is a statement of reasons for the indication of allowable subject matter:
An electrode for a p-type SiC device as claimed comprising Ge/Ti/Al and exhibiting an eutectic reaction at temperatures of 600 °C or less could not be anticipated nor, in combination, be rendered obvious over the prior art of record.

5. Claim 30 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

6. Applicant's arguments filed 10/3/2008, with respect to Claims 1, 3, 5 to 7, 9, 11, 12, 25, 33 and 34 have been fully considered and are persuasive. The rejection of these has been withdrawn.
7. The rejection of Claims 26 to 29, 31 and 32 is maintained. Since these claims do not specify a specific material (i.e. Ge) as the means for accelerating a eutectic reaction at temperatures of 600 °C or less and since it is well known in the art (for example see Konishi et al. and Nakatsuka et al.) that Ni is a means for accelerating a eutectic reaction, this rejection is maintained. This is not considered a new rejection since no new art or motivations have been entered.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Tsukimoto et al. is mentioned in the Applicants' reply.
9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing

date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

10. Papers related to this application may be submitted directly to Art Unit 2814 by facsimile transmission. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (15 November 1989). The Art Unit 2814 Fax Center number is **(571) 273-8300**. The Art Unit 2814 Fax Center is to be used only for papers related to Art Unit 2814 applications.
11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Howard Weiss at **(571) 272-1720** and between the hours of 7:00 AM to 3:00 PM (Eastern Standard Time) Monday through Friday or by e-mail via Howard.Weiss@uspto.gov. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy, can be reached on **(571) 272-1705**.
12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at **866-217-9197** (toll-free).

13. The following list is the Examiner's field of search for the present Office Action:

Field of Search	Date
U.S. Class / Subclass(es): 257/77, 781	thru 12/11/2008
Other Documentation: none	
Electronic Database(s): EAST, INSPEC	thru 12/11/2008

HW/hw
15 December 2008

/Howard Weiss/
Primary Examiner
Art Unit 2814